

Serial No. 09/725,514

Docket No. K-0241

Amendment dated May 3, 2005

Reply to Office Action of December 3, 2004

Amendments to the Specification:

Please replace the first paragraph beginning on page 2 of the specification with the following amended paragraph:

Referring to FIG. 1, which illustrates a Dedicated Physical Channel (DPCH) comprising a Dedicated Physical Data Channel (DPDCH) and a Dedicated Physical Control Channel (DPCCH), an ID code for the primary cell is transmitted to cells in the active set through a Feed-Back Indicator (FBI) field among fields of a control channel, such as an up-link Dedicated Physical Control Channel (DPCCH). Next, as can be known from FIG. 2, the FBI is transmitted by 1 or 2 bits in one slot. If the FBI is transmitted by 1 bit, one radio frame is transmitted by 15 bits, and if the FBI is transmitted by 2 bits, one radio frame is transmitted by 30 bits, because one radio frame is transmitted by 15 time slots. When an ID code is transmitted to a selected primary cell, the UE determines whether one bit is inserted or 2 bits are inserted in the FBI field per one slot before transmission.

Please replace the 6th paragraph beginning on page 13 of the specification with the following amended paragraph:

FIGS. 4A to 4D show performance results of an Additive White Gaussian Noise (AWGN) channel when ID codes are inserted into a FBI field 1 bit per slot, in the first embodiment of the present invention, where the vertical axis corresponds to Word Error Rate and the horizontal axis correspond to a ratio between the received energy per information bit to the total effective noise (E_b/N_o) in decibels (dB);